

Title (en)

Bearing with supporting segments for radial and axial loads.

Title (de)

Lager mit Tragsegmenten für Radial- und Axialbelastung.

Title (fr)

Coussinet à patin radial et axial combiné.

Publication

**EP 0277442 A1 19880810 (FR)**

Application

**EP 87402941 A 19871221**

Priority

FR 8618035 A 19861223

Abstract (en)

Segment bearing, of the type comprising a bearing body and at least three pads intended to absorb the radial loads of a rotating shaft, the pads of which are held axially by lateral collars integral with the bearing body. The pads (4) comprise lateral faces (9) which are profiled so as to create, when in rotation, a film of oil between these faces (9) and bearing faces (8, 8') integral with the shaft in order to absorb also an axial thrust.

<IMAGE>

Abstract (fr)

Coussinet à patin, du type comportant un corps de palier et au moins trois patins destinés à absorber les efforts radiaux d'un arbre en rotation dont les patins sont maintenus axialement par des bagues latérales solidaires du corps de palier. Les patins (4) comportent des faces latérales (9) profilées de manière à créer en rotation un film d'huile entre ces faces (9) et des faces d'appui 8, 8' solidaires de l'arbre afin d'absorber également une poussée axiale.

IPC 1-7

**F16C 17/00**; **F16C 17/10**

IPC 8 full level

**F16C 17/03** (2006.01); **F16C 17/10** (2006.01)

CPC (source: EP)

**F16C 17/03** (2013.01); **F16C 17/10** (2013.01)

Citation (search report)

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